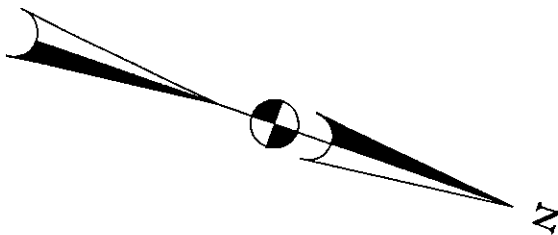
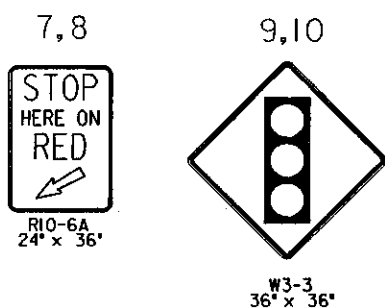


GENERAL NOTES

1. UTILITIES SHOWN ARE SCHEMATIC ONLY AND MAY NOT REPRESENT ALL UTILITIES PRESENT AND THEIR LOCATIONS. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK AND SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY IF HE/SHE PERCEIVES THAT THERE IS A CONFLICT.
2. ALL OVERHEAD SPAN WIRES MUST BE LOCATED AT A MINIMUM OF 10' FROM PRIMARY TRANSMISSION LINES AND 4' FROM ANY SECONDARY TRANSMISSION, AND 2' FROM CABLE TV AND TELEPHONE LINES.
3. ALL GROUND MOUNTED SIGNS SHOWN ON THE SIGNAL PLAN SHEETS SHALL BE INSTALLED AND PAID FOR BY THE MOT PAY ITEMS. PLEASE REFER TO SHEETS 7 OF 55 FOR SIGN PLACEMENT LOCATIONS.

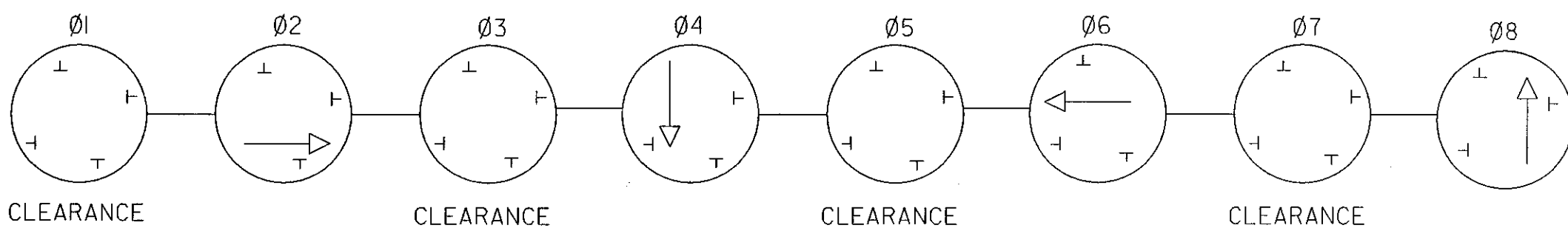
PROPOSED SIGNING



PROPOSED SIGNALS

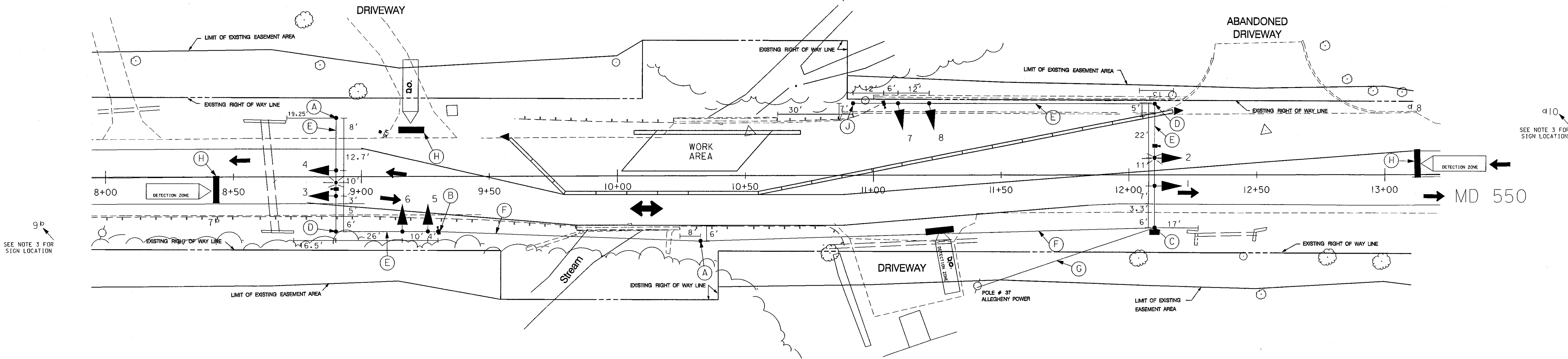
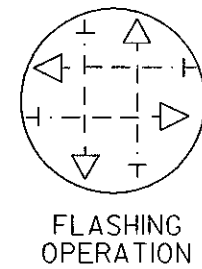
1-6
R
Y
G
12"

NEMA PHASING



Phasing Notes:

- 1.) Phases associated by a dashed line will operate concurrently.
2.) Phases associated by a solid line will not operate concurrently.
3.) Phase 4 call shall omit phase 3 clearance.
4.) Phase 4 shall call phase 5 clearance.

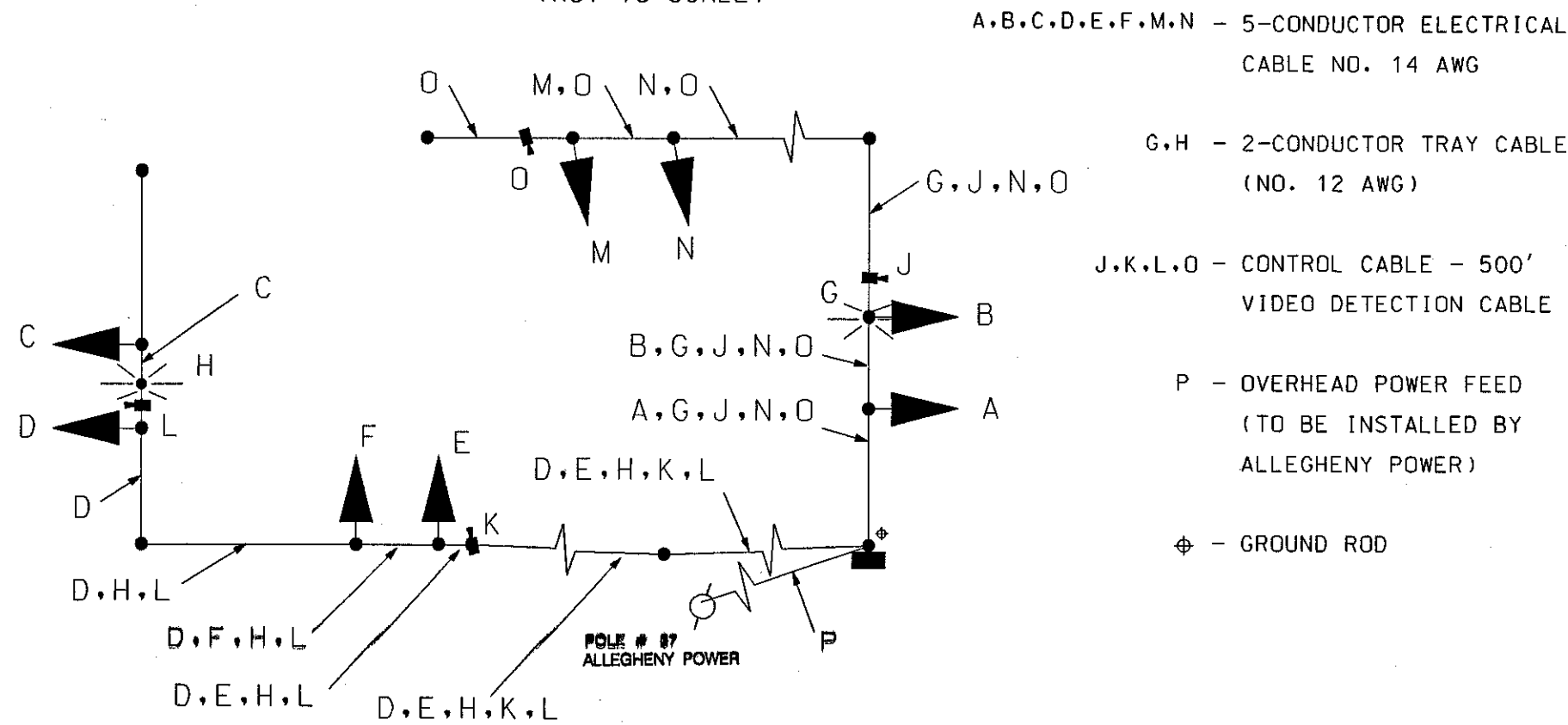


CONSTRUCTION DETAILS

- A. INSTALL 40' WOOD POLE
- B. INSTALL 40' WOOD POLE WITH AUTOSCOPE CAMERA, SIDE MOUNTED
- C. INSTALL 40' WOOD POLE WITH NEMA SIZE 5 POLE MOUNTED CABINET
- D. INSTALL 50' WOOD POLE WITH 15' BRACKET ARM, AUTOSCOPE CAMERA, 250 WATT HPS VAPOR LAMP AND LUMINAIRE AS SHOWN
- E. INSTALL 3/8" STEEL SPAN WIRE AND SIGNAL HEADS AS SHOWN
- F. INSTALL 3/8" STEEL SPAN WIRE WITH MESSENGER RINGS
- G. OVERHEAD POWER FEED
- H. INSTALL 24" WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS (SOLID WHITE FOR STOP BAR)
- J. INSTALL 40' WOOD POLE WITH AUTOSCOPE CAMERA, MOUNTED ON 15' LUMINAIRE BRACKET ARM



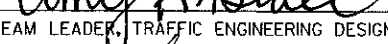
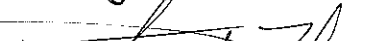
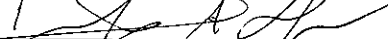
Wiring Diagram

(NOT TO SCALE)



MAINTENANCE OF TRAFFIC - STAGE I
TEMPORARY SIGNAL DESIGN

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	----
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	— A — A —
ELECTRIC	— E — E —
TELEPHONE	— T — T —
GAS	— C — G —
SEWER	— S — S —
WATER	— W — W —
CABLE TV	— TV — TV —

REVISIONS		APPROVALS			MARYLAND DOT - STATE HIGHWAY ADMINISTRATION				
					Office of Traffic & Safety				
					TRAFFIC ENGINEERING DESIGN DIVISION				
					REPLACEMENT OF BRIDGE NO.10060 ON				
					MD 550 OVER BRANCH OF FRIENDS CREEK				
		 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION		DRAWN BY:	D.J.R.	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
		 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		CHECKED BY:	A.K.B.	S.H.A. NO.	FR3415180	4290	
		 12-15-03 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		SCALE:	1"=20'	COUNTY:	FREDERICK	T.I.M.S. NO.	
		 02-15-03 DIRECTOR, TRAFFIC & SAFETY		DATE:	Dec 2003	LOG MILE:	10055021.22	F900	
									9 OF 55